



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete If Known	
Application Number	09/432,503
Filing Date	November 2, 1999
First Named Inventor	Cech, Thomas R.
Art Unit	1652
Examiner Name	Delia M. Ramirez
Attorney Docket Number	015389-002611US

### U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
	A1	US-5,597,897		01-28-1997	Diamond	
	A2	US-5,917,025		06-29-1999	Collins	
	A3	US-6,309,867 B1		10-30-2001	Cech et al.	
	A4	US-6,337,200 B1		01-08-2002	Morn	
	A5	US-6,440,735 B1		08-27-2002	Gaeta	
	A6	US-6,444,850 B1		09-03-2002	Cech et al.	
	A7	US-6,517,834 B1		02-11-2003	Weinrich et al.	
	A8	US-6,608,188 B1		08-19-2003	Tsuchiya et al.	
	A9	US-6,810,839 B1		08-26-2003	Morn & Andrews	
	A10	US-6,817,110 B1		09-09-2003	Cech et al.	
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	A17	US 2003-0059787 A1		03-27-2003	Cech et al.	
	A18	US 2003-0096344 A1		05-22-2003	Cech et al.	
	A19	US 2003-0100093 A1		05-29-2003	Cech et al.	
	A20	U.S. Application No. 09/721,477			Cech et al.	
	A21	U.S. Application No. 09/721,506			Cech et al.	
	A22	U.S. Application No. 09/874,584			Cech et al.	

### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (If known)				
	B1	CA	2271718	A1	05-22-1998			<input type="checkbox"/>
	B2	GB	2 317 891	A	04-08-1998			<input type="checkbox"/>
	B3	PCT	WO 93/23572	A1	11-25-1993			
	B4	PCT	WO 94/17210	A1	08-04-1994			
	B5	PCT	WO 98/14592	A2	04-09-1998			<input type="checkbox"/>
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	B7	PCT	WO 98/23759	A2	08-04-1998			<input type="checkbox"/>
	B8	PCT	WO 99/33998	A2	07-08-1999			<input type="checkbox"/>
	B9	PCT	WO 99/38964	A2	08-05-1999			<input type="checkbox"/>
	B10	PCT	WO 00/46355	A2	08-10-2000			<input type="checkbox"/>

Examiner Signature

Date Considered

7-22-04

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First Named Inventor	Cech, Thomas R.			
Art Unit	1652			
Examiner Name	Delia M. Ramirez			
Sheet	2	of	5	Attorney Docket Number
				015389-002611US

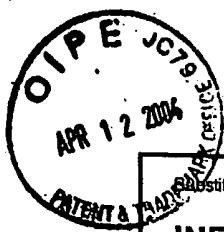
## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>[Signature]</i>	C1	ADAMS, MARK et al. "Initial Assessment of Human Gene Diversity and Expression Patterns Based Upon 83 Million Nucleotides of cDNA Sequence" <i>The Genome Directory: Supplement to Nature</i> 28 September 1995, 1995, pp. 3-174, Vol. 377, Issue 6547S.	
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	C6	CHONG, L. et al. "A Human Telomeric Protein", <i>Science</i> , Dec. 1995, pp. 1663-1667, Vol. 270.	
	C7	COLLINS, KATHLEEN, "Structure and function of telomerase", <i>Current Opinion in Cell Biology</i> , 1996, pp. 374-380, Vol. 8	
	C8	COUNTER, C. et al. "Telomerase Activity in Normal Leukocytes and in Hematologic Malignancies" <i>Blood</i> ; May 1, 1995; pp. 2315-2320, Vol. 85, No. 9.	
	C9	COUNTER, C. et al. "Telomere shortening associated with chromosome instability is arrested in immortal cells which express telomerase activity", <i>The EMBO Journal</i> ; 1992, pp. 1921-1929, Vol. 11; No. 5, Oxford University Press.	
	C10	DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology</i> ; February 1990; pp. 518-527, Vol. 10, No. 2.	
	C11	FLAVELL, R. & MATHIAS, R. "Prospects for transforming monocot crop plants", <i>Nature</i> , 12 Jan. 1984, pp. 108-109, Vol. 307.	
	C12	Genbank Accession No. A46242; September 21, 1993	
	C13	Genbank Accession No. L38903; January 30, 1995	
	C14	Genbank Accession No. Q06163; November 01, 1995	
<i>[Signature]</i>	C15	Genbank Accession No. S39696; October 07, 1994	

Examiner Signature	<i>[Signature]</i>	Date Considered	7-22-04
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	C21	GREIDER, C. "Telomeres, Telomerase and Senescence"; <i>BioEssays</i> ; 1990; pp. 363-369, Vol. 12, No. 8.	
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<b>Sheet</b>	4	of	5	<b>Attorney Docket Number</b>	015389-002611US

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	C32	KIM, N. et al. "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer", <i>Science</i> , 23 December 1994, pp. 2011-2014, Vol. 266.	
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	C37	LUSTIG, ARTHUR J., "The identification of telomerase subunits: catalysing telomere research", <i>Trends in Cell Biology</i> ; August 1997, pp. 299-302, Vol. 7.	
	C38	MALICKI, J. et al. "A human HOXA8 regulatory element provides head-specific expression in <i>Drosophila</i> embryos", <i>Nature</i> , 23 July 1992, pp. 345-357, Vol. 358.	
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.	C43	RAYMOND, E., et al.; Agents that target telomerase and telomeres; <i>Curr. Opin. Biotechnol.</i> ; 1996; 7:583-91	
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	C49	TAIT, J. et al. "Structure and Polymorphisms of the Human Annexin III (ANX3) Gene", <i>Genomics</i> , 1993, pp. 79-86, Vol. 18, No. 1	
	C50	WINTER, G. & HARRIS, W. "Humanized Antibodies", <i>Trends Pharmacol. Sci.</i> , May 1993, pp. 139-143, Vol. 14.	
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	C52	ZAUG, ARTHUR et al., "Method for determining RNA 3' ends and application to human telomerase RNA", <i>Nucleic Acids Research</i> , 1996, pp. 532-533, Vol. 24, No. 3.	

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